



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

RIEPING, *et al.*

Appl. No.: 09/963,668

Filed: September 27, 2001

For: **Fermentation Process for the Preparation of L-Amino Acids Using Strains of the Family Enterobacteriaceae**

Art Unit: to be assigned

Examiner: to be assigned

Atty. Dkt. 21123/283665

AIA
DP
7/22/03

Amendment to Comply with Sequence Listing Rules

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts dated November 14, 2001, Applicants are submitting the present Amendment.

Amendments

Please delete the Sequence Listing originally filed with the application and appearing as pages 1-12 of the specification after the drawings. Please enter the substitute Sequence Listing enclosed herewith on separate pages following the claims and abstract of the application.

On page 15 of the specification, please amend lines 31-31 to read as follows:

pckA'5'-1: 5' - GATCCGAGCCTGACAGGTTA - 3' (SEQ ID NO:8)

pckA'5'-2: 5' - GCATGCGCTCGGTCAAGGTTA - 3' (SEQ ID NO:9)

On page 16 of the specification, please amend lines 1-2 to read as follows:

pckA'3'-1: 5' - AGGCCTGAAGATGGCACTATCG - 3' (SEQ ID NO:10) ✓
pckA'3'-2: 5' - CCGGAGAACGCTAGGTGTTA - 3'. (SEQ ID NO:11) ✓

On page 18 of the specification, please amend lines 1-4 to read as follows:

Guide to Methods and Applications, Academic Press) using the following oligonucleotide primers:

pckA'5'-1: 5' - GATCCGAGCCTGACAGGTTA - 3' (SEQ ID NO:8) ✓
pckA'3'-2: 5' - CCGGAGAACGCTAGGTGTTA - 3' (SEQ ID NO:11) ✓

On page 19 of the specification, please amend lines 14-15 to read as follows:

Gdh1: 5' – TGAACACTTCTGGCGGTACG – 3' (SEQ ID NO:12) ✓
Gdh2: 5' – CCTCGGCGAACGCTAATATGG – 3' (SEQ ID NO:13) ✓

On page 22 of the specification, please amend lines 1-2 to read as follows:

RhtC1: 5' – CTGTTAGCATCGCGAGGCA – 3' (SEQ ID NO:14) ✓
RhtC2: 5' – GCATGTTGATGGCGATGACG – 3' (SEQ ID NO:15) ✓

On page 25 of the specification, please amend lines 5-6 to read as follows:

Tdh1: 5'-TCGCGACCTATAAGTTGGG-3' (SEQ ID NO:16) ✓
Tdh2: 5'-AATACCAGCCCTTGTTCGTG-3' (SEQ ID NO:17) ✓

On page 27 of the specification, please amend lines 5-6 to read as follows:

pckA'5'-1: 5' – GATCCGAGCCTGACAGGTTA – 3' (SEQ ID NO:8) ✓
pckA'3'-2: 5' – CCGGAGAACGCTAGGTGTTA – 3' (SEQ ID NO:11) ✓

On page 30 of the specification, please amend lines 22-23 to read as follows:

pckA'5'-1: 5' – GATCCGAGCCTGACAGGTTA – 3' (SEQ ID NO:8) ✓
pckA'3'-2: 5' – CCGGAGAACGCTAGGTGTTA – 3' (SEQ ID NO:11) ✓

On page 32 of the specification, please amend lines 10-11 to read as follows:

ytfP-1: 5' – GGCGATGTCGCAACAAGCTG – 3' (SEQ ID NO:18) //
ytfP-2: 5' – CTGTTCATGGCCGCTTGCTG – 3' (SEQ ID NO:19) //

On page 34 of the specification, please amend lines 30-31 to read as follows:

ytfP-1: 5' – GGCGATGTCGCAACAAGCTG – 3' (SEQ ID NO:18) //
ytfP-2: 5' – CTGTTCATGGCCGCTTGCTG – 3' (SEQ ID NO:19) //